

Calponin Antibody
Mouse Monoclonal Antibody (Mab)
Catalog # AD80056**Specification**

Calponin Antibody - Product info

Application	IHC
Primary Accession	P51911
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	33170

Calponin Antibody - Additional info

Gene ID	1264
Gene Name	CNN1
Other Names	
Calponin-1, Basic calponin, Calponin H1, smooth muscle, CNN1	

Dilution

IHC~~Ready-to-use

Storage

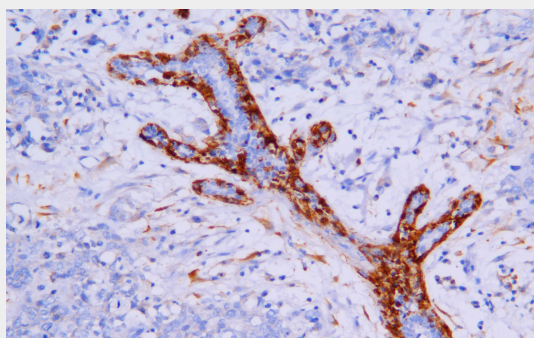
Maintain refrigerated at 2-8°C

Precautions**Calponin Antibody is for research use only and not for use in diagnostic or therapeutic procedures.****Calponin Antibody - Protein Information****Name** CNN1**Function****Thin filament-associated protein that is implicated in the regulation and modulation of smooth muscle contraction. It is capable of binding to actin, calmodulin, troponin C and tropomyosin. The interaction of calponin with actin inhibits the actomyosin Mg-ATPase activity (By similarity).****Tissue Location****Smooth muscle, and tissues containing significant amounts of smooth muscle****Calponin Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Calponin Antibody - Images



Immunohistochemical analysis of paraffin-embedded human normal breast tissue using AD80056 performed on the Abcarta® FAIP-30 Fully automated IHC platform. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a Citrate buffer (pH6. 0). Samples were incubated with primary antibody (Ready-to-use) for 15 min at room temperature. AmpSee™ Detection Systems □ Abcepta:AR005 □ was used as the secondary antibody.